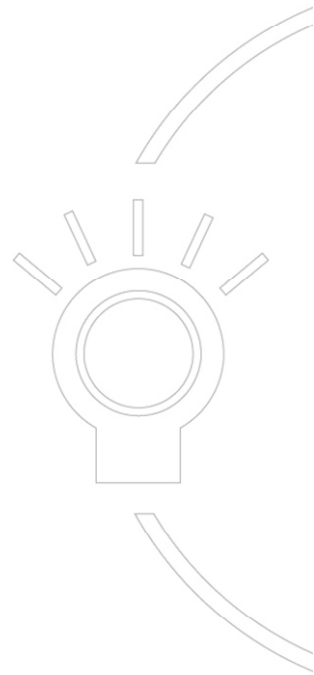


vicolux[®] D-CLR-84x24 series

smart light – dome light
Compact, high-performance, IP67



Product Characteristics:

- Very flat and compact design
- Extremely diffuse, shadow-free illumination
- Thanks to the use of power LEDs - light output up to 2,100 W/m² in flash mode possible
- Flash mode via digital lighting controller of the DLC3005 series
- Maximum service life thanks to intelligent temperature management of the smart light technology:
 - Integrated digital temperature sensor
 - Integrated flash memory with stored lighting parameters and limiting values for continuous and flash operation
- Housing made of anodised aluminium
- Degree of Protection: IP67
- Multiple mounting options
- M8 connector on the housing

Technical Information:

Parameter	D-CLR-84x24 series				
Colour temperature / Wavelength	White 5700 K	Blue 450 nm	Green 520 nm	Red 633 nm	IR 860 nm
Light-emitting surface	Diameter: 84 mm				
Beam angle	> 120 °	> 120 °	> 120 °	> 120 °	> 120 °
Housing dimensions	Outer diameter: 110 mm / Inner diameter: 84 mm High: 32.9 mm				
Camera view	Diameter: 25 mm				
Illuminance (measured in optical axis with maximum parameters at a working distance of 5 mm)					
Continuous operation	590 W/m²	670 W/m²	220 W/m²	480 W/m²	480 W/m²
Flash operation	1,900 W/m²	2,100 W/m²	680 W/m²	1,650 W/m²	2,000 W/m²
Power consumption P _{Nom} *	21.5 W	23.5 W	20 W	20 W	20.5 W
Ambient temperature	0 °C to 55 °C				
Overheat protection T _{MAX}	70 °C (only in combination with vicolux® smart light lighting controllers)				
Safety class	Class III, operation on safety extra low voltage (SELV)				
Risk group (DIN EN 62471)	exempt group				
Order number	1-32-800	1-32-802	1-32-804	1-32-801	1-32-803

* The nominal values refer to an ambient temperature of 25 °C and free convection.

Technical Drawing:

